Ontario

Ministry of
Northern Development
and Mines

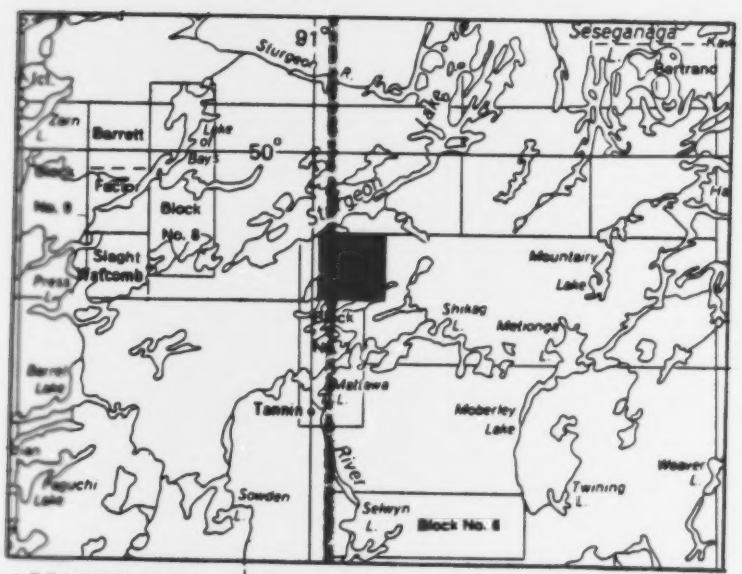
ONTARIO GEOLOGICAL SURVEY

GEOLOGICAL DATA INVENTORY FOLIO

GDIF 438

BELL LAKE AREA

DISTRICTS OF THUNDER BAY & KENORA



LOCATION MAP Scale: 1:1 013 760 or 1 inch to 16 miles

88-02292/

NTS Number 52 G/15 SW

Mining Claim Map Number M1888

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Ministry of Northern Development and Mines does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1988: Bell Lake Area, Districts of Thunder Bay and Kenora; Ontario Ministry of Northern Development and Mines, Mines and Minerals Division, Geological Data Inventory Folio 438, 13p. and 4 maps.

Original Compilation by: Catherine J. Proctor and Mary Roy

Date	Page(s) Revised	Revised by

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ACCOMPANYING MAPS

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Exploration Data Map 1

ABBREVIATIONS LIST

A.F.R.O.	Assessment Files Research Office (Toronto)
Ann. Rept., (A.R.)	Annual Report
A.R.I.P.	Aggregate Resources Inventory Paper
Bull.	Bulletin
C.I.M.M.	Canadian Institute of Mining and Metallurgy
C.J.E.S.	Canadian Journal of Earth Sciences
C.M.J.	Canadian Mining Journal
Econ. Geol.	Economic Geology
E.M.R.	Department of Energy, Mines and Resources
E.P.B.	Earth Physics Branch
G.A.C.	Geological Association of Canada
GC	Geological Circular
GDIF	Geological Data Inventory Folio
Geol.	Geology
Geol. Soc. Amer. Bull	Geological Society of America Bulletin
GR	Geoscience (Geological) Report
GSC	Geological Survey of Canada
I.L.S.G.	Institute on Lake Superior Geology
IMR	Industrial Mineral Report
I.O.C.	Report of the Iron Ore Committee (1923)
Jour. (or J)	Journal
MDC	Mineral Deposit Circular
M.D.I. (R)	Mineral Deposit Inventory (Record)
Mem	Memoir
MNDM	Ministry of Northern Development and Mines
MNR	Ministry of Natural Resources
M.P.	Miscellaneous Paper
MRC	Mineral Resources Circular
N.M.I.	National Mineral Inventory
NOEGTS	Northern Ontario Engineering Geology Terrain Study
NTS	National Topographic System
O.B.M.	Ontario Bureau of Mines
O.D.L.F.	Ontario Department of Lands and Forests
ODM	Ontario Department of Mines
ODMNA	Ontario Department of Mines and Northern Affairs
OFR	Open File Report
O.G.S.	Ontario Geological Survey
P.R.	Preliminary Report
Prelim. (or P)	Preliminary
R.C.	Royal Commission on Mineral Resources of Ontario (1890)
S.M.D.R.	Source Mineral Deposit Record
Sum. Rept.	Summary Report

DATA SOURCES CHECK LIST

NOTE The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	YES	CJP
2	Assessment Files Research Office, Toronto	YES	AFRO
3	ODM General Index, 9 Volumes	YES	CJP
4	Catalogue of Airborne Geophysical Surveys (ODM)	YES	CJP
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	YES	CJP
6	ODM Industrial Mineral Reports	NO	CJP
7	Bibliography of Post Precambrian Thesis - Karrow (ODM MP 1)	NO	CJP
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	CJP
9	Newspaper Clippings File	YES	CJP
10	GSC Index to Publications	YES	CJP
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	CJP
12	OGS Index Maps	YES	CJP
13	Source Mineral Deposit Records (O G S)	YES	CJP
14	Author - Subject Articles File	NO	CJP
15	Miscellaneous Papers ODM & OGS	YES	CJP
16	ODM Geological Circulars OGS Study Series	NO	CJP
17	ODM Preliminary Reports ODM Bulletins	NO	CJP
18	ODM - OGS Open File Reports	YES	CJP
19	OGS Northern Ontario Engineering Geology Terrain Studies	YES	CJP
20	OGS Aggregate Resources Inventory Papers	NO	CJP
21	OGS Mineral Potential Maps	YES	CJP
22	Drill Core Library Catalogue	NO	CJP
23	Aerial Photographs	YES	CJP
24	Unpublished Theses	YES	CJP

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METALS AND MINERALS REFERENCES LIST

- △ anh ..... Anhydrite
- △ ank ..... Ankerite
- △ anna ..... Annabergite
- △ ap ..... Apatite
- △ arg ..... Argentite
- △ As ..... Arsenic
- △ asp ..... Arsenopyrite
- △ asb ..... Asbestos
- △ ba ..... Barite
- △ be ..... Beryl
- △ Bi ..... Bismuth
- △ bn ..... Bornite
- △ bran ..... Brannerite
- △ bruc ..... Brucite
- △ Cd ..... Cadmium
- △ calc ..... Calcite
- △ carb ..... Carbonate
- △ cel ..... Celestite
- △ cc ..... Chalcocite
- △ cp ..... Chalcopyrite
- △ ch ..... Chert
- △ clay ..... Clay
- △ Co ..... Cobalt
- △ cob ..... Cobaltite
- △ cb ..... Columbite
- ▲ Cu ..... Copper
- △ cor ..... Corundum
- △ dol ..... Dolomite
- △ ep ..... Epidote
- △ ery ..... Erythrite
- △ fel ..... Feldspar
- △ fl ..... Fluorite (flurospar)
- △ fu. ..... Fuchsite
- △ gn. ..... Galena
- △ gt. ..... Garnet
- △ goe ..... Goethite
- ▲ Au ..... Gold
- △ gf ..... Graphite
- △ gl ..... Gravel
- △ gyp ..... Gypsum
- △ hem ..... Hematite
- △ il ..... Ilmenite
- △ Fe ..... Iron
- △ IF ..... Iron Formation
- △ jas ..... Jasper
- △ kaol ..... Kaolinite (kaolin)
- △ ky ..... Kyanite
- ▲ Pb ..... Lead
- △ lim ..... Limonite
- △ Li ..... Lithium
- △ mgst ..... Magnesite
- △ mag ..... Magnetite
- △ mc ..... Malachite
- △ Mn ..... Manganese
- △ mb ..... Marble
- △ mar ..... Marcasite
- △ ma ..... Marl
- △ mi ..... Mica
- △ ml ..... Millerite
- △ mo ..... Molybdenite
- △ Mo ..... Molybdenum
- △ mon ..... Monazite
- △ ne .... Nephelite (nepheline)
- △ nc ..... Niccolite
- △ Ni ..... Nickel
- △ Nb ..... Niobium
- △ Pd ..... Palladium
- △ peat ..... Peat
- △ pent ..... Pentlandite
- △ Pt ..... Platinum
- △ py ..... Pyrite
- △ pyl ..... Pyrochlore
- △ pyrl ..... Pyrolusite
- △ po ..... Pyrrhotite
- △ q ..... Quartz
- △ qcv .. Quartz carbonate vein
- △ ra ..... Radioactive minerals
- △ RE ..... Rare Earths
- △ sd ..... Sand
- △ sgl ..... Sand and gravel
- △ ss ..... Sandstone
- △ scap ..... Scapolite
- △ shee ..... Scheelite
- △ serp ..... Serpentine
- △ sh ..... Shale
- △ sid ..... Siderite
- △ si ..... Silica
- ▲ Ag ..... Silver
- △ sl ..... Slate
- △ sm ..... Smaltite
- △ sod ..... Sodalite
- △ spec ..... Specularite
- △ sp ..... Sphalerite
- △ spd ..... Spodumene
- △ staur ..... Staurolite
- △ stib ..... Stibnite
- △ st ..... Stone
- △ s ..... Sulphides
- △ talc ..... Talc
- △ Te ..... Tellurium
- △ td ..... Tetrahedrite
- △ th ..... Thorite
- △ Th ..... Thorium
- △ thuc ..... Thucholite
- △ ti ..... Titanite
- △ Ti ..... Titanium
- △ tour ..... Tourmaline
- △ trap ..... Trap rock
- △ W ..... Tungsten
- △ uran ..... Uraninite
- △ U ..... Uranium
- △ verm ..... Vermiculite
- △ Y ..... Yttrium
- ▲ Zn ..... Zinc
- △ zr ..... Zircon

▲ Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

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MINERAL OCCURRENCES

Map Ref. Letter	(see Exploration Data Map) Name(s)	Mineralization	Source Mineral Deposit Record MDI	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	MATTABI	ZN,CU,AG, PB,AU	K0011	--	AU- MINOR OCCURRENCE SMDR FILE #00806 NMI FILE 52G/15Zn1 OGS 1970 - AR VOL 80,p.123-124 1980 - MP 91, p.26
B	CLAW LAKE	CU,AU,AG, ZN,PB	TB0355	--	AU,AG,ZN,PB - MINOR OCCURRENCES AFRO #63.3135 NMINER 75-01-16, MATTAGAM P1 NM 1 FILE 52G/15CU1
C	BOUNDARY	ZN,AU,AG, CU,PB	TB0353	--	AU,PB - MINOR OCCURRENCES OGS 1972, MP 50, p.16-17 SMDR FILE #00807 NMI FILE 52G/15Zn4

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TYPE OF WORK (see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
Ref. No. on Map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
1	AMAX EXPLORATION INC (52G/15SE-0014)	70										70	70							
2	AMAX EXPLORATION INC (52G/15SE-0018)	70																		
3	NORLEX MINES L (52G/15SE-0019)							75												
4	CANADIAN JAVELIN L MILNER, G N (52G/15SE-0020)	69							69	69										
5	NORLEX MINES L CANEX AERIAL EXPL L (52G/15SE-0021)	72										72	72							
6	MATTAGAMI LAKE MS L (52G/15SE-0022)											70	70							
7	NEWCONEX CDN EXPL L (52G/15SW-0010-A1)				70	70														
8	MATTAGAMI LAKE MS L (52G/15SW-0010-B1)				72															

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TYPE OF WORK (see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
Ref No on Map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
9	FALCONBRIDGE NICKEL (52G/15SW-0010-C1)				75															
10	LYON LAKE MINES L SANTA MARIA MINES L (52G/15SW-0011-A1)				72															
11	NEW CONEX CDN EXPL L (52G/15SW-0011-B1)				70															
12	ALGOMA STEEL CORP L (52G/15SW-0011-D1)				71															
13	SANTA MARIA MINES L PLASKETT, G G (52G/15SW-0012-A1)				71															
14	MATTAGAMI LAKE (52G/15SW-0012-B1)				74															
15	LOUVICOURT GOLDFIELD (52G/15SW-0013)				71															
16	SANTA MARIA MINES L SILVER LINING MINES L (52G/15SW-0014)				70															

TYPE OF WORK (see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
Ref. No on Map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
17	NEWCONEX CDN EXPL L (52G/15SW-0015)							73												
18	MATTAGAMI LAKE M L (52G/15SW-0016)				70/ 72															
19	FALCONBRIDGE NICKEL (52G/15SW-0017)				70/ 71															
20	STURGEON LAKE MINES L (52G/15SW-0018)				78															
21	ALGOMA STEEL CORP L (52G/15SW-0019-A1)				71															
22	MATTAGAMI LAKE MS L (52G/15SW-0019-B1)				70/ 72															
23	NEWCONEX CDN EXPL L (52G/15SW-0020)				73															
24	NORANDA EXPL C L (52G/15SW-0021)				70															
25	SANTA MARIA MINES L (52G/15SW-0022-A1)					80		80												

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TYPE OF WORK (see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
Ref No on Map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
17	NEWCONEX CDN EXPL L (52G/15SW-0015)							73												
18	MATTAGAMI LAKE M L (52G/15SW-0016)				70/72															
19	FALCONBRIDGE NICKEL (52G/15SW-0017)				70/71															
20	STURGEON LAKE MINES L (52G/15SW-0018)				78															
21	ALGOMA STEEL CORP L (52G/15SW-0019-A1)				71															
22	MATTAGAMI LAKE MS L (52G/15SW-0019-B1)				70/72															
23	NEWCONEX CDN EXPL L (52G/15SW-0020)				73															
24	NORANDA EXPL C L (52G/15SW-0021)				70															
25	SANTA MARIA MINES L (52G/15SW-0022-A1)					80		80												

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TYPE OF WORK (see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
Ref. No on Map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
26	STURGEON LAKE MINES L (52G/15SW-0022-D1)											74	74							
27	SANTA MARIA MINES L (52G/15SW-0023)	80						80												
28	SANTA MARIA MINES L (52G/15SW-0024-A1)	70						70												
29	NEW BRUNSWICK U METALS (52G/15SW-0024-D1)							69												
30	MATTAGAMI LAKE M L (52G/15SW-0025)											70	70							
31	ALGOMA STEEL CORP L (52G/15SW-0026-A1)	70																		
32	STURGEON LAKE M L (52G/15SW-0026-B1)														72		72			
33	CANADIAN JAVELIN L (52G/15SW-0027)	70										70	70							
34	STURGEON LAKE MS L FALCONBRIDGE COPPER (52G/15SW-0028)	77													77		77			

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TYPE OF WORK (see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
Ref. No on Map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
35	CANADEX MINING CORP L PLASKETT, G G (52G/15SW-0029-A1)												70							
36	FALCONBRIDGE NICKEL (52G/15SW-0029-B1)											70	70							
37	NORANDA EXPL C L (52G/15SW-0030-A1)											77	77		77					
38	SANTA MARIA MINES L (52G/15SW-0030-B1)							72												
39	NEWCONEX CDN EXPL L (52G/15SW-0031)											70	70							
40	ALGOMA STEEL CORP L (52G/15SW-0032)											70								
41	NORANDA EXPL C L (52G/15SW-0033)											70	70							
42	MATTAGAMI LAKE MS L (52G/15SW-0034)											70	70							
43	NEW TERRITORIAL U M SILVER LINING MS L (52G/15SW-0035)											70	70							

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TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
Ref No. on Map	COMPANY/AUTHOR (file number)																			
44	NORANDA EXPL C L (52G/15SW-0036)											77	77							
45	NEWCONEX CDN EXPL L (52G/15SW-0037)	71													71		71			
46	NEWCONEX CDN EXPL L (52G/15SW-0038)											70	70							
47	NORLEX MINES L (52G/15SW-0039)							73												

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DRILLHOLE SUMMARY

Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	NEWCONEX CANADIAN EXPL	4	1970	20	-60	32.2	219.0	py,po	Cu,Ag,Au
2	MATTAGAMI LAKE MINES	SL-51-72-9	1972	180	-50	56.0	602.0	--	--
3	FALCONBRIDGE NICKEL M L	130	1975	180	-45	12.0	503.0	py,po	--
4	LYON LAKE MINES L	LLM-24	1972	--	--	37.0	496.0	--	--
5	NEWCONEX CANADIAN EXPL	1A	1970	200	-40	38.0	680.0	po,gf,py	Cu,Zn,Au, Ag,Ni
6		2	1970	200	-45	19.0	425.0	po,py,gf	Cu,Zn,Ag, Au,Ni
7		3	1970	200	-45	21.0	348.0	po	Cu,Zn,Au, Ag,Ni
8	ALGOMA STEEL CORP L	BL-1-71	1971	360	-45	44.0	44.0	hole abandoned	
8		BL-2-71	1971	360	-50	18.0	18.0	hole abandoned	
8		BL-3-71	1971	360	-15	45.0	434.0	po,py	--
9		BL-4-71	1971	360	-45	32.0	32.0	hole abandoned	
9		BL-5-71	1971	360	-50	38.0	405.0	po,py	--
9		BL-6-71	1971	180	-50	28.0	28.0	hole abandoned	
9		BL-7-71	1971	180	-53	42.0	313.5	py,po	--
10	SANTA MARIA MINES L	SM-1	1971	20	-47	57.0	516.0	--	--
11		SM-2	1971	20	-45	63.0	447.0	--	--

● —— indicates core stored at Drill Core Library

DRILLHOLE SUMMARY

Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
12	SANTA MARIA MINES L	SM-3	1971	20	-50	61.0	301.0	--	--
13		SM-4A	1971	25	-50	90.0	605.0	py,po,cp	--
14	MATTAGAMI LAKE MINES	SL-51-74-11	1974	180	-60	46.0	619.0	po,py	Zn,Cu
15		SL-51-74-12	1974	205	-50	60.0	497.0	py	Zn,Cu
16		SL-51-74-13	1974	205	-50	34.0	599.0	py,po	Zn,Cu
17		SL-51-74-14	1974	205	-50	22.0	1018.0	cp,po,py	Au,Ag,Zn, Cu,Pb
18	LOUVICOURT GOLDFIELDS CORP L	L-1	1971	360	-45	6.0	449.0	po,py,gt	--
19		L-2	1971	360	-45	29.0	500.0	po,py,gt	--
20		L-3	1971	360	-45	65.0	368.0	po,py	--
21		L-4	1971	360	-45	82.0	372.0	py,po	--
22		L-5	1971	360	-50	130.0	482.0	py,po,cp	--
23		L-6	1971	180	-45	37.0	350.0	py,cp,po	--
24	SILVER LINING MINES L (SANTA MARIA MINES)	B-1	1970	360	-50	18.0	285.0	po,cp	Cu,Ni,Zn, Ag
25		B-2	1970	360	-50	8.0	300.0	po,py,gf	Cu,Ni
26		B-3	1970	360	-50	10.0	312.0	po,py,cp	--
27		B-4	1970	360	-50	28.0	302.0	po,py,cp	--

● —— indicates core stored at Drill Core Library

DRILLHOLE SUMMARY

Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
28	SILVER LINING MINES L (SANTA MARIA MINES)	B-5	1970	360	-55	60.0	306.0	po	--
29		B-6	1970	360	-55	72.0	252.0	po	--
30		B-7	1970	360	-55	43.0	240.0	--	--
31	NEWCONEX CANADIAN EXPL	1	1973	360	-45	33.0	350.0	--	--
32		2	1973	360	-45	52.0	353.0	po,cp	--
33		3	1973	360	-50	24.0	347.0	py,po	--
34		4	1973	360	-50	34.0	338.0	py	--
35		5	1973	360	-50	12.0	412.0	--	--
36	MATTAGAMI LAKE MINES L	SL-51-70-1	1970	206	-46.3	42.0	629.0	gf,po,py,mag	Au,Ag,Zn, Cu,Pb,Ni
37		SL-51-70-2	1970	206	-45	15.0	597.0	py,po	Au,Ag,Zn, Cu,Pb
38		SL-51-70-3	1970	206	-55	98.0	697.0	py,po,mag	Au,Ag,Cu, Ni,Pb
39		SL-51-70-4	1970	206	-45	22.0	502.0	py,po	Au,Ag,Zn, Pb,Ni
40		SL-51-70-5	1970	150	-45	30.0	698.0	po,py,cp,mag	Au,Ag,Zn, Cu,Pb,Ni
41		SL-P-72-1	1972	345	-45	21.0	688.0	po,py	Au,Ag,Zn, Cu,Pb

● —— indicates core stored at Drill Core Library

BELL LAKE

DRILLHOLE SUMMARY

Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
42	MATTAGAMI LAKE MINES L	SL-P-72-2	1972	180	-50	55.0	607.0	py,po	Au,Ag,Zn, Cu,Pb,Ni
43		SL-P-72-3	1972	180	-50	26.0	703.0	po,gf,py	Au,Ag,Zn, Cu,Pb
44		SL-P-72-4	1972	180	-50	46.0	657.0	po,py	Au,Ag,Zn, Cu,Pb
45		SL-51-72-6	1972	180	-50	9.0	703.0	po,py	--
46		SL-51-72-7	1972	210	-50	50.0	595.0	po,py	Au,Ag,Zn, Cu,Pb
47		SL-51-72-8	1972	210	-50	20.0	513.0	po,py	Au,Ag,Zn, Cu,Pb
48		SL-51-72-10	1972	180	-50	38.0	496.0	--	--
49	FALCONBRIDGE NICKEL MS	NBU-1-70	1970	180	-45	93.0	699.0	po,py,cp,sp	--
50		NBU-3-70	1970	360	-45	116.0	541.0	py	--
51		NBU-8-70	1970	360	-60	68.0	709.0	--	--
51		NBU-14-70	1970	360	-52	80.0	820.0	--	--
52		NBU-10-70	1970	360	-60	64.0	760.0	sp	--
53		NBU-11-70	1970	360	-60	42.0	652.0	py,cp	--
54		NBU-19-71	1971	360	-55	253.0	649.0	cp,sp,py	--
55		NBU-22-71	1971	360	-60°20'	32.0	1003.0	py,sp,cp	--

● —— indicates core stored at Drill Core Library

DRILLHOLE SUMMARY

Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
56	FALCONBRIDGE NICKEL MS	NBU-23-71	1971	360	-45	137.0	413.0	hem	--
57		NBU-27-71	1971	360	-45	98.0	586.0	mag,po,py	--
58		NBU-29-71	1971	360	-45	250.0	695.0	py	--
59		NBU-32-71	1971	vertical	-90	111.0	306.0	py	--
60		NBU-34-71	1971	18°30'	-50	145.0	757.0	py,po	--
61		NBU-39-71	1971	18°30'	-60	60.0	478.0	--	--
62		NBU-42-71	1971	37	-45	37.0	631.0	--	--
63		NBU-44-71	1971	18°30'	-45	16.0	752.0	--	--
64		NBU-49-71	1971	360	-48	38.0	700.0	--	--
65		NBU-52-71	1971	vertical	-90	28.0	343.0	po,py,sp,cp	--
66		NBU-56-71	1971	180	-79	42.0	649.0	--	--
67		NBU-57-71	1971	360	-46	30.0	638.0	--	--
68		NBU-59-71	1971	360	-45	74.0	697.0	py	--
69	FALCONBRIDGE COPPER STURGEON LAKE MINES	BL-78-1	1978	360	-52	54.0	702.0	gt,po,py	multi-spectral
70		BL-78-2	1978	360	-45°30'	16.0	599.0	po,py	multi-spectral
71		BL-78-3	1978	360	-50	34.0	501.0	py,po,mag	multi-spectral

● —— indicates core stored at Drill Core Library

BELL LAKE

DRILLHOLE SUMMARY

Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
72	FALCONBRIDGE COPPER STURGEON LAKE MINES	BL-78-4	1978	360	-50	16.0	707.0	py,po	multi-spectral
73		BL-78-5	1978	--	--	--	702.0	no logs	--
74		BL-78-6	1978	360	-55	32.0	694.0	py,po,cp	multi-spectral
75		BL-78-7	1978	180	-50	15.0	1007.0	py,po,cp	multi-spectral
76		BL-78-8	1978	360	-50	32.0	701.0	cp,po,py	multi-spectral
77		BL-78-9	1978	360	-45	18.0	502.8	po,py	multi-spectral
78	MATTAGAMI LAKE MINES	SL-15-70-3	1970	180	-45	10.0	723.0	py	Au,Ag,Zn, Cu,Pb
79		SL-15-70-4	1970	180	-45	12.0	651.0	--	Au,Ag,Zn, Cu,Pb
80		SL-15-70-5	1970	180	-45	30.0	679.0	py	Au,Ag,Zn, Cu,Pb
81		SL-15-70-6	1970	180	-45	34.0	827.0	--	--
82	NORANDA EXPLORATION C L	TL-70-1	1970	0	-45	9.0	397.0	py,po	Au,Ag,Cu, Zn
83		TL-70-2	1970	0	-45	14.0	375.0	--	Au,Ag,Cu, Zn

● —— indicates core stored at Drill Core Library

BELL LAKE

DRILLHOLE SUMMARY

Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
84	NORANDA EXPL C L	TL-70-3	1970	0	-45	19.0	276.0	po,gf	Au,Cu,Zn, Ni
85		TL-70-4	1970	0	-45	60.0	306.0	po	--
86		TL-70-5	1970	0	-45	13.0	305.0	po,py	Ag,Cu,Zn, Ni,Mg

● —— indicates core stored at Drill Core Library

BELL LAKE

AIRBORNE GEOPHYSICAL SURVEY DATA

Number on File Index Map	— by — for — year	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
4	BY: MCPHAR GEOPHYSICS FOR: CANADIAN JAVELIN L (52G/15SE-0020)	MAGNETOMETER AND ELECTROMAGNETIC	450	NE/SW	1/8 mile

BELL LAKE

GEOCHEMICAL SURVEY DATA

(see Exploration Data Map)

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
	NO DATA AS OF NOVEMBER/87			

BELL LAKE

GEOCHRONOLOGY DATA - AGE DATING

Site	Method	Material	Reference	Result
NO DATA AS OF NOVEMBER/87				

AERIAL PHOTOS; MOSAICS; IMAGERY

The following items are available for inspection at the Resident Geologist's office:

(a) Aerial Photographs:

AREA	LINE	PHOTO #	YEAR	SCALE
BELL LAKE	A 13564	129 130 131	1975	1"=1 mile
	A 13561	78 79	1975	1"=1 mile

(b) Photomosaics:

(c) Satellite Imagery:

TOPOGRAPHIC MAPS (selected)

scale	year	name and/or number	by
1:50,000	1977	GLITTER LAKE (52G/15)	SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

COMPANY	NEWSPAPER	DATE	PAGE
MISCELLANEOUS	THE MORNING HERALD	MAR 20/1909	

ODM GENERAL INDEX SEARCH

Words searched: BELL LAKE, CLAW LAKE, DARKWATER LAKE, GLITTER LAKE, QUEER LAKE, SHIKAG LAKE, WILLOW LAKE

Index Volume	Listing	Report Volume	Part	Page
II	THE STURGEON LAKE GOLD FIELD	XX	I	133-157
III	STURGEON LAKE GOLD AREA	XXXIX	II	36-55
VI	GEOLOGY OF THE SUPERIOR JUNCTION-STURGEON LAKE AREA	XLVI	VI	26-35
VI	MINES OF ONTARIO IN 1936	XLVI	I	121-122
8	GR 114			
8	GR 120			
8	MP 43			23-26
8	MP 32			17-19
8	GR 88			47-48

BELL LAKE

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing	Report Volume	Part	Page

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
GRAHAM, A R	1930	STURGEON LAKE AREA, MAP NO. 39b TO ACCOMPANY REPORT BY GRAHAM IN VOL XXXIX, PART 2, O.D.M. REPORT 1930.	MAP 39b	1"=2 miles 1:126,720
ODM	1968	SIOUX LOOKOUT-ARMSTRONG SHEET, MAP 2169, GEOLOGICAL COMPILATION SERIES, KENORA AND THUNDER BAY DISTRICTS.	MAP 2169	1"=4 miles 1:253,440
ODM	1973	BELL LAKE, KENORA AND THUNDER BAY DISTRICTS, MAP 2269.	MAP 2269	1"=1/2 mile 1:31,680
ODM	1973	GLITTER LAKE, THUNDER BAY DISTRICT, MAP 2284	MAP 2284	1"=1/2 mile 1:31,680
OGS	1979	SIOUX LOOKOUT-ARMSTRONG, GEOLOGICAL COMPILATION SERIES, KENORA AND THUNDER BAY DISTRICTS, MAP 2442.	MAP 2442	1"=4 miles 1:253,440
TROWELL, N F	1981	STURGEON NARROWS: ONTARIO GEOLOGICAL SURVEY MAP 2457, PRECAMBRIAN GEOLOGY SERIES.	MAP 2457	1:50,000
ODM	1966	MINNITAKI-STURGEON LAKES SHEET, DISTRICT OF KENORA AND THUNDER BAY, GEOLOGICAL COMPILATION SERIES, MAP P.353.	MAP P.353	1"=2 miles
ODM	1962	GLITTER LAKE AREA, DISTRICT OF KENORA AND THUNDER BAY, PRELIMINARY GEOLOGICAL MAP P.148.	MAP P.148	1"=2 miles
ODM	1970	BELL LAKE-STURGEON LAKE AREA(SOUTHEAST PART) DISTRICTS OF KENORA AND THUNDER BAY, PRELIMINARY GEOLOGICAL MAP P.591.	MAP P.591	1"=1/4 mile

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
ODM	1971	GLITTER LAKE AREA (WEST PART), DISTRICT OF THUNDER BAY, GEOLOGICAL SERIES, PRELIMINARY MAP P.670.	MAP P.670	1"=1/4 mile
RILEY, R A KING, H L KUSTRA, C R	1973	SUMMARY OF AIRBORNE GEOPHYSICAL DATA FOR NORTHWESTERN ONTARIO ON FILE AT THE RESIDENT GEOLOGISTS OFFICE: ODM PRELIMINARY MAP P.845, DATA SERIES.	MAP P.845	1"=16 miles 1:1,013,760
MEYN, H D ROBERTSON, JAMES A	1975	IRON DEPOSITS OF ONTARIO, WEST CENTRAL SHEET DISTRICT OF KENORA (PATRICIA PORTION): ODM PRELIMINARY MAP P.1041, MINERAL DEPOSIT SERIES.	MAP P.1041	1"=16 miles 1:1,013,760
BARLOW, R B WADGE, D R DVSANOWSKIYJ, T H	1975	BOUGER GRAVITY MAP OF THE STURGEON LAKE AREA, DISTRICT OF KENORA AND THUNDER BAY, ODM PRELIMINARY MAP P.1050, GEOPHYSICAL SERIES.	MAP P.1050	1"=2 miles 1:126,720
ROBERTSON, JAMES A VOS, M A SPRINGER, JANET S	1976	MINERAL POTENTIAL MAP OF ONTARIO 1976: WEST CENTRAL SHEET, ODM PRELIMINARY MAP P.1098, MINERAL DEPOSITS SERIES.	MAP P.1098	1"=16 miles 1:1,013,760
ODM - GSC	1976	AIRBORNE GAMMA-RAY SPECTROMETRY SURVEY, EQUIVALENT THORIUM PPM CONTOURS, IGNACE SHEET, DISTRICT OF KENORA AND THUNDER BAY: ODM PRELIMINARY MAP P.1147-1153, GEOPHYSICAL SERIES.	MAPS P.1147 TO P.1153	1"=4 miles 1:250,000
PALONEN, P A SPEED, A A	1977	BELL LAKE AREA, DISTRICTS OF KENORA AND THUNDER BAY, OGS PRELIMINARY MAP P.1215, SIOUX LOOKOUT DATA SERIES.	MAP P.1215	1"=1/4 mile 1:15,840

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
SPRINGER, JANET	1978	ONTARIO MINERAL POTENTIAL, IGNACE SHEET, DISTRICT OF THUNDER BAY AND KENORA, OGS PRELIMINARY MAP P.1529, MINERAL DEPOSITS SERIES.	MAP P.1529	1"=4 miles 1:250,000
MOLLARD, D G MOLLARD, J D	1980	METIONGA LAKE AREA (NTS 52GNE) DISTRICTS OF KENORA AND THUNDER BAY, OGS, NORTHERN ONTARIO ENGINEERING GEOLOGY TERRAIN STUDY 24, 26p. ACCOMPANIED BY MAPS 5063.	NOEGTS 24 MAP 5063	1:100,000
ROGERS, P DAVID	1964	GEOLOGY OF THE METIONGA LAKE AREA, DISTRICT OF THUNDER BAY AND KENORA, ODM GEOLOGICAL REPORT 24, ACCOMPANIED BY MAP 2044.	GR 24 MAP 2044	1"=1 mile
TROWELL, N F	1974	GEOLOGY OF THE BELL LAKE-STURGEON LAKE AREA, DISTRICT OF KENORA AND THUNDER BAY: ODM GEOLOGICAL REPORT 114, 67p. ACCOMPANIED BY MAPS 2268 and 2269.	GR 114 MAPS 2268 AND 2269	1"=1/2 mile
TROWELL, N F	1974	GEOLOGY OF THE GLITTER LAKE AREA, DISTRICT OF THUNDER BAY, ODM GEOLOGICAL REPORT 120, 31p. ACCOMPANIED BY MAP 2284.	GR 120 MAP 2284	1"=1/2 mile
TROWELL, N F	1983	GEOLOGY OF THE STURGEON LAKE AREA, DISTRICTS OF THUNDER BAY AND KENORA: ONTARIO GEOLOGICAL SURVEY REPORT 221, 97p. ACCOMPANIED BY MAPS 2456, 2457, 2458.	REPORT 221 MAPS 2456 2457 2458	1:50,000
TROWELL, N F BARTLETT, J R SUTCLIFFE, R H	1983	GEOLOGY OF THE FLYING LOON LAKE AREA, DISTRICT OF KENORA: OGS REPORT 224, 109p. ACCOMPANIED BY MAPS 2458, 2477.	REPORT 224 MAPS 2458 2477	1:50,000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and or Report Pages
VOS, M A ABOLINS, T SMITH, V	1982	INDUSTRIAL MINERALS OF NORTHERN ONTARIO - SUPPLEMENT 1, ONTARIO GEOLOGICAL SURVEY, OPEN FILE REPORT 5388, 344p, 3 FIGURES AND 1 TABLE.	OFR 5388	--
BARLOW, R B	1974	A GRAVITY SURVEY OF THE STURGEON LAKE META-VOLCANIC-METASEDIMENTARY BELT, DISTRICTS OF KENORA AND THUNDER BAY: p.166-168 IN SUMMARY OF FIELD WORK, 1974 BY THE GEOLOGICAL BRANCH, EDITED BY V G MILNE ET AL, ODM MP 59, 206p.	MP 59	--
TROWELL, N F	1975	STURGEON LAKE AREA (COMPILATION MAPPING) DISTRICT OF THUNDER BAY p.34-38 IN SUMMARY OF FIELD WORK, 1975, BY THE GEOLOGICAL BRANCH, EDITED BY V G MILNE ET AL, ODM MP 63, 158p.	MP 63	--
TROWELL, N F	1976	STURGEON LAKE SYNOPTIC PROJECT, DISTRICT OF THUNDER BAY AND KENORA, p.27-31 IN SUMMARY OF FIELD WORK, 1976 BY THE GEOLOGICAL BRANCH EDITED BY V G MILNE ET AL, ODM MP67, 183p.	MP 67	--
ODM	1968	MOLYBDENUM DEPOSITS OF ONTARIO, MINERAL RESOURCES CIRCULAR NO. 7, 98p.	MRC 7	p.42
GSC	1906	MAP SHEET 5 (IGNACE) ONTARIO, DISTRICT OF RAINY RIVER AND THUNDER BAY	MAP 663	1"=4 miles
GSC	1933	KENORA SHEET, ONTARIO	MAP 226A	--
GSC	1908	REPORT ON PORTION OF NORTHWESTERN ONTARIO TRAVERSED BY THE NATIONAL TRANSCONTINENTAL	SEPARATE REPORT 992	

(Continued Next Page)

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		RAILWAY BETWEEN LAKE NIPIGON AND STURGEON LAKE 1908. SEPARATE REPORT 992 WITH MAP 993.	MAP 993	--
SZEWCZYK, Z J	1974	A GRAVITY STUDY OF AN ARCHEAN GRANITE AREA, NORTH OF IGNACE, ONTARIO.	UNPUBLISHED THESIS	--
HOAD, J S	1970	BELL LAKE SYENITE COMPLEX	UNPUBLISHED THESIS	--
FRISKE, PETER	1974	THE BEIDLEMAN BAY COPPER PORPHYRY DEPOSIT	UNPUBLISHED THESIS	--
DUSANOWSKYJ, T H	1976	A GRAVITY STUDY OF THE STURGEON LAKE META-VOLCANIC METASEDIMENTARY BELT.	UNPUBLISHED THESIS	--
HINZER, J C	1977	GEOLOGICAL AND GEOCHEMICAL STUDY OF LYON LAKE AND CREEK ORE ZONES, STURGEON LAKE AREA, NORTHWESTERN ONTARIO.	UNPUBLISHED THESIS	--
TROWELL, N F	1970	GEOLOGY OF THE BELL LAKE-STURGEON LAKE AREA, DISTRICT OF THUNDER BAY AND KENORA, OPEN FILE REPORT 5051.	OFR 5051	--
TROWELL, N F	1980	GEOLOGY OF THE STURGEON LAKE AREA, DISTRICTS OF THUNDER BAY AND KENORA, OGS, OPEN FILE REPORT 5291, 160p., 24 TABLES, 56 FIGURES AND 3 MAPS.	OFR 5291	--
TROWELL, N F	1969	BELL LAKE-STURGEON LAKE AREA, SUMMARY OF FIELD WORK 1969 BY THE GEOLOGICAL BRANCH, MISCELLANEOUS PAPER 32.	MP 32	--

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
TROWELL, N F	1970	GLITTER LAKE AREA, DISTRICT OF THUNDER BAY, SUMMARY OF FIELD WORK 1970, BY THE GEOLOGICAL BRANCH, MISCELLANEOUS PAPER 43.	MP 43	--

Darkwater L.

Bell

ABITIBI — 49 51 00 — POWER AND PAPER Co LTD.

90 58 00

G. T. P. NO. 7

Bell

Swamp L.

18

18

25

9

13 Claw

25

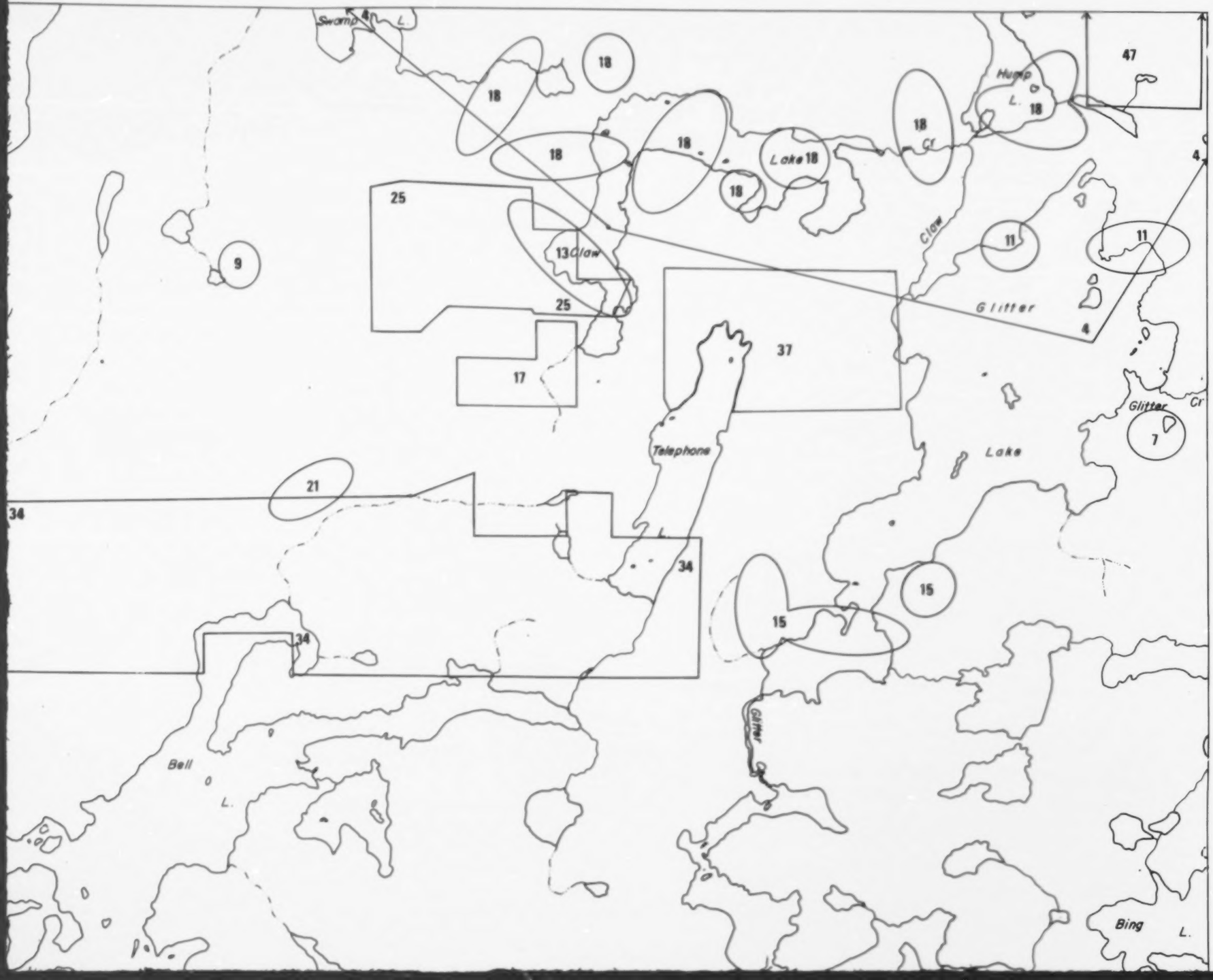
17

21

34

34

Bell L.



Ministry of Northern Development and Mines

Ontario

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 438

(Map 1 of 4)

BELL LAKE AREA

DISTRICTS OF THUNDER BAY & KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

EXPLORATION DATA FILE AREAS

G. T. P.

NO. 7

Bell

Bell L.

Lake

Willow

Bell Lake

Queer

Queer Lake

Cutstone Lake

Bell L.

Glitter

Bing L.

Bing Cr.

Glitter Lake

Willow Lake

Glitter Cr.

49 46 00

88 47 00

Shikag Lake

EXPLORATION DATA FILE AREAS

- ■ ① ⑥ — Reference number is always inside work area outlined. See listing in text pages.
- □ x ④ — Small area exploration.
- □ ★ — File covers whole township or area
- ■ ② — Area of drilling

22

Darkwater L

Bell

ABITIBI — 49 51 00 — POWER AND PAPER Co LTD

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36

42

Swamp

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40, 31

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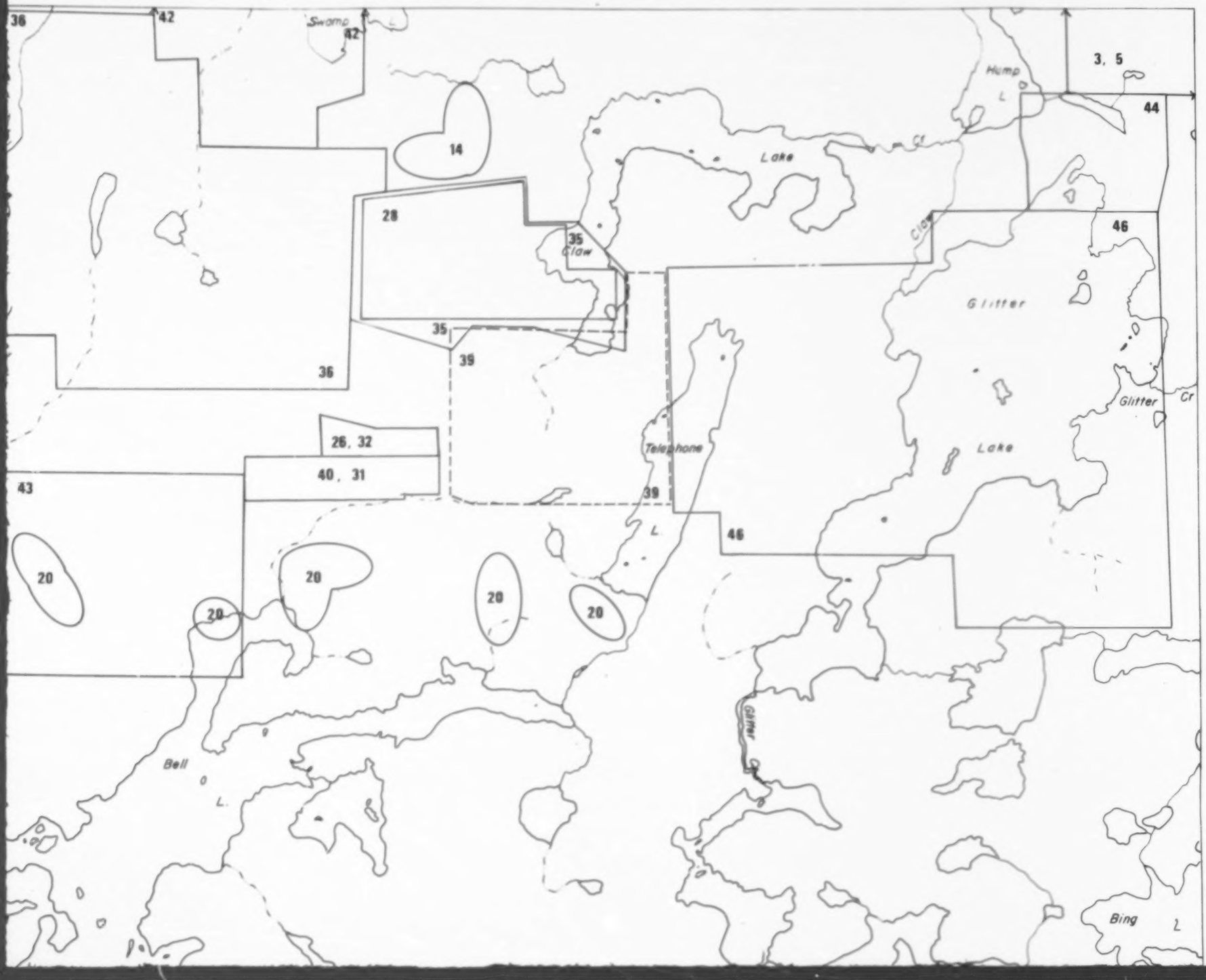
Bell

G. T. P. NO. 7

Bell



Ministry of Northern Development and Mines

Ontario

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 438

(Map 2 of 4)

BELL LAKE AREA

DISTRICTS OF THUNDER BAY & KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

EXPLORATION DATA FILE AREAS

G. T. P.

NO. 7

Bell

Bell

L.

Lake

Willow

Bell Lake

Queer

L.

Queer Lake

Cutstone Lake

Bell L.

Glitter Cr.

Bing L.

Bing Cr.

Glitter Lake

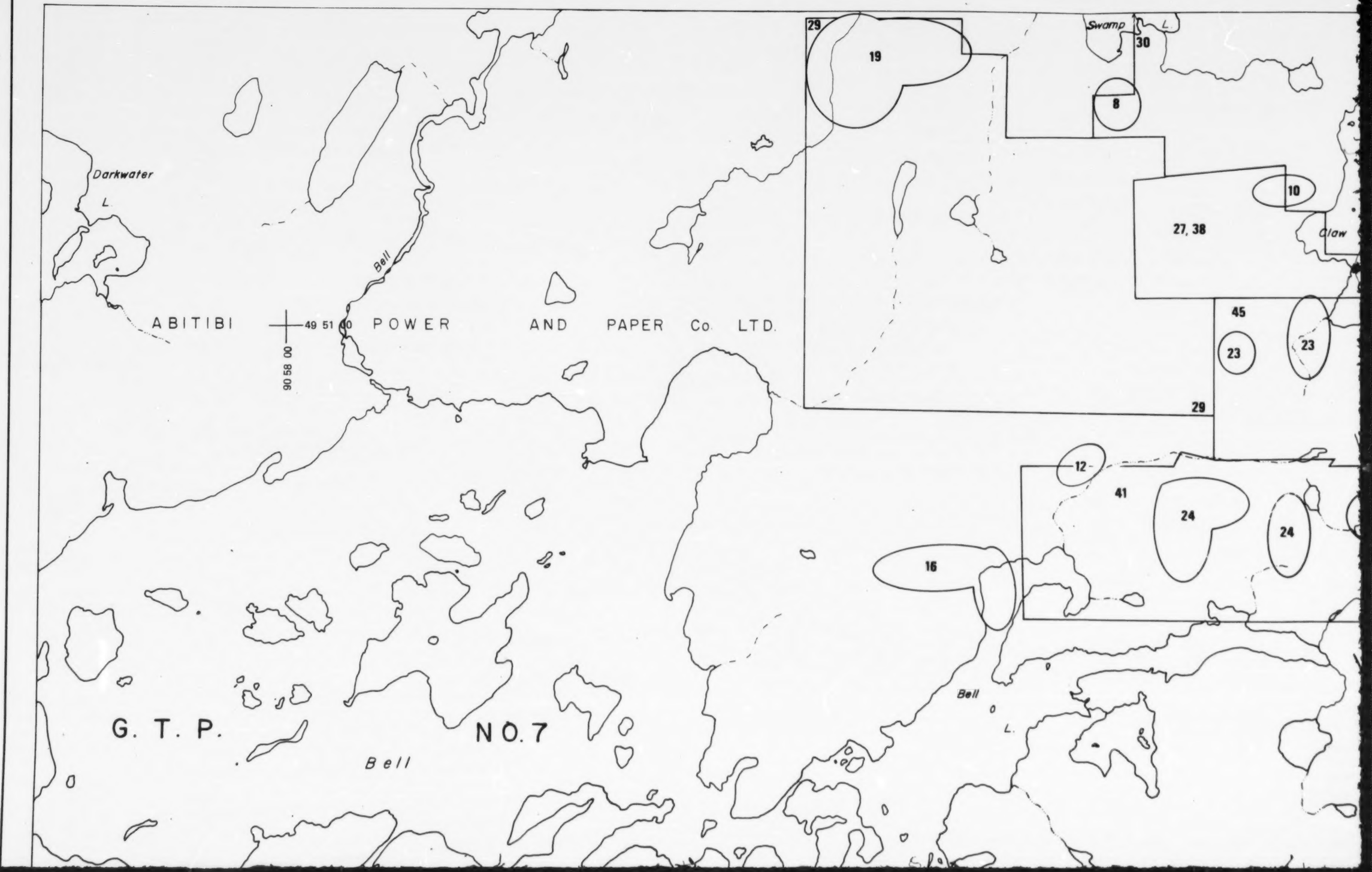
Willow Cr.

49 46 00

Shikog Lake

EXPLORATION DATA FILE AREAS

- Reference number is always inside work area outlined. See listing in text pages.
- Small area exploration.
- File covers whole township or area
- Area of drilling


Darkwater
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90 58 00
POWER AND PAPER Co. LTD.
G. T. P. NO. 7
Bell
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19
Swamp
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Claw
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41
24
24
16
Bell
L.

Ministry of
Northern Development
and Mines

Ontario

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 438

(Map **3** of **4**)

BELL LAKE AREA

DISTRICTS OF THUNDER BAY & KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

EXPLORATION DATA FILE AREAS

G. T. P.

NO. 7

Bell

Bell

L.

Lake

Willow

Bell Lake

Queer

L.

Queer Lake

Cutstone Lake

41

Bell L.

Glitter Cr.

Bing L.

Bing Cr.

Glitter Lake

Willow Cr.

49 46' 00"

90 47' 00"

Shikag Lake

EXPLORATION DATA FILE AREAS

- ■ ① ⑥ — Reference number is always inside work area outlined. See listing in text pages.
- □ x ④ — Small area exploration.
- □ ★ — File covers whole township or area
- ■ ② — Area of dril'ing

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal loop
  VLF - Very low freq; Turam; JEM -
  Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly
  (total intensity)
- Resistivity anomaly
- Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Rock quarry

A
Zn Cu Ag Pb Au

C
Zn Cu Ag Au Pb

B
Cu Au Ag
Pb Zn

Swamp

Bell

Bell

Glitter

Telephone

Lake

Glitter Cr

49 51 00

90 58 00

JEM

VLF

HL

IP

M

Ministry of Northern Development and Mines

Ontario

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 438

(Map 4 of 4)

BELL LAKE AREA

DISTRICTS OF THUNDER BAY & KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter
- cp A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- 2 — Location of single drillhole, with reference number
- 2 — Location of closely spaced group of drillholes, with reference number
- 2 — Drillhole, exact location uncertain, with reference number

Self potential anomaly

Audio-frequency magnetic anomaly (total intensity)

Resistivity anomaly

Gravity anomaly

MISCELLANEOUS DATA

Trenching, pit

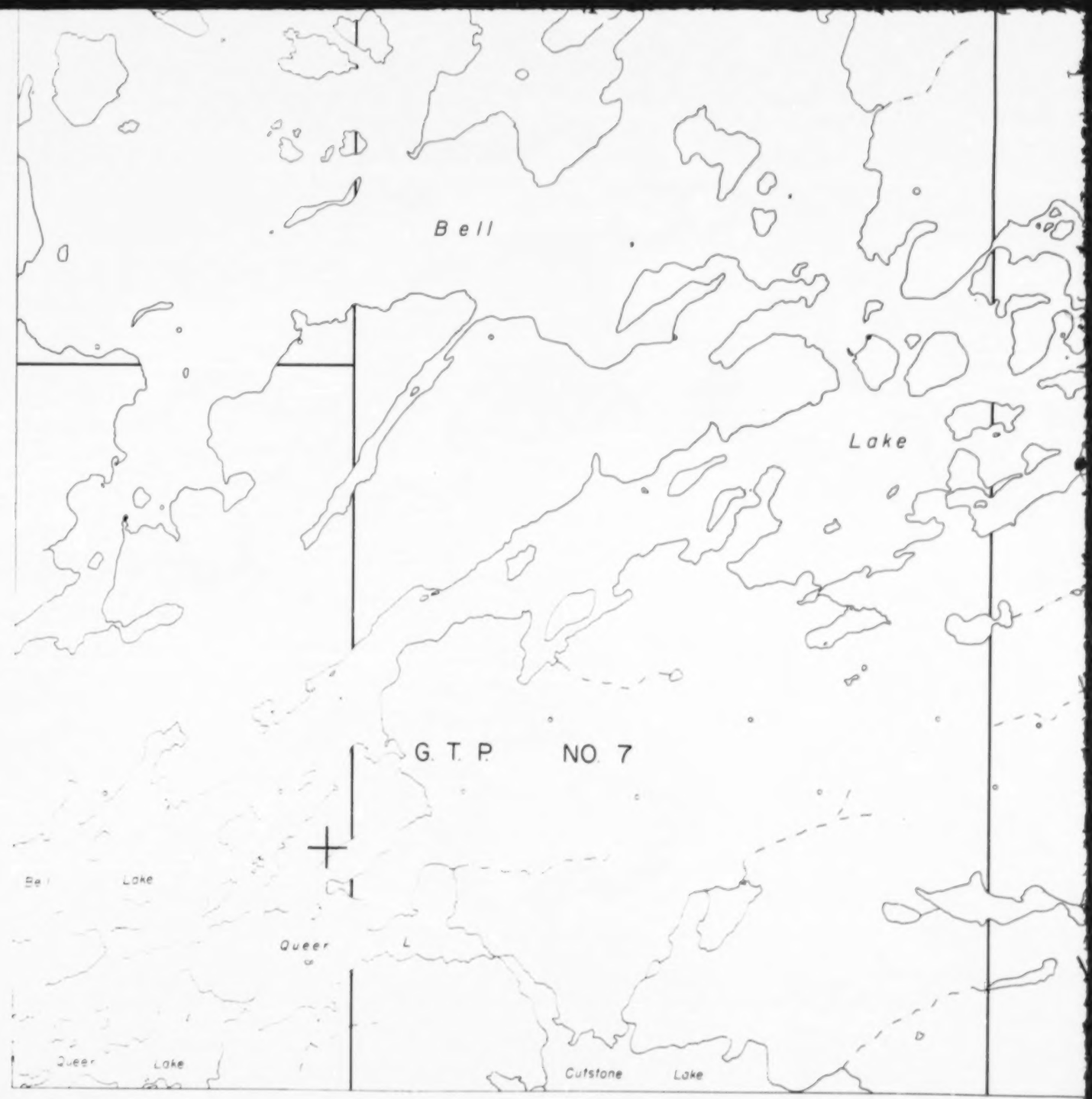
Adit

Open pit

Rock quarry

Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



Bell

Lake

Bell L

Glitter Cr

Glitter

Lake

Willow

G. T. P. NO. 7

49 46 00

90 47 00

Queer L

Cutstone Lake

Mineral occurrence reported but exact location uncertain, with reference letter

Mineralized float with reference letter

Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

Location of single drillhole, with reference number

Location of closely spaced group of drillholes, with reference number

Drillhole, exact location uncertain, with reference number

Property with underground drillholes in this general area, with reference number

Property with drillholes which have not been plotted on map, with reference number

Reverse circulation drillhole; churn drilling, with reference number

Bell L

Glitter Cr.

Bing L

Bing Cr.

Glitter

Willow Lake

49 46 00

90 47 00

Sinking Lake